

**REMARKS**

First, Applicants thank the Examiner for discussing this case with Applicants' representatives. *See Statement of Substance of Interview.*

As a preliminary matter, Applicants thank the Examiner for indicating that the previous objections to the claims have been withdrawn.

Claims 1-5 are all the claims pending in the present application. Claims 1 and 2 remain provisionally rejected under 35 U.S.C. § 101 as allegedly claiming the same invention as that of claims 1 and 2 of Appln. No. 10/746,234 (Your Ref: SH-18568-US; Our Ref: Q79034), hereinafter referred to as Park '234. Claims 4 and 5 remain provisionally rejected under 35 U.S.C. § 101 as allegedly claiming the same invention as that of claims 6 and 7 of Park '234. Claims 1-5 are rejected under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the written description requirement. Claims 4 and 5 are rejected under 35 U.S.C. § 101 because the claimed invention is allegedly directed to non-statutory subject matter. Finally, claims 1-5 remain rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Hinden et al. (RFC 2373, "IP Version 6 Addressing Architecture"), hereinafter referred to as Hinden, and Lee et al. ("A New Control Protocol for Home Appliances - LnCP"), hereinafter referred to as Lee.

**Provisional Double Patenting Rejections - Claims 1, 2, 4, and 5**

Applicants continue to respectfully request that the Examiner hold this rejection in abeyance until one or the other of the two pending applications issues as a patent.

**§ 101 and 112, second paragraph, Rejections**

Applicants believe that the Examiner's rejections under 35 U.S.C. § 112 and 101 are obviated. *See Statement of Substance of Interview*

**§103(a) Rejections - (Hinden/Lee) - Claims 1-5**

Claims 1-5 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Hinden and Lee based on substantially the same reasons set forth in the previous Office Action. The Examiner adds a few new arguments in the *Response to Arguments* section of the Office Action.

With respect to independent claim 1, Applicants previously argued that the applied references, either alone or in combination, do not disclose or suggest at least, “identifying the devices using device ID information for identifying types of the devices recorded in an area, excluding a company ID area and a serial number area of an interface ID area, using an extended unique identifier (EUI-64) ID format,” as recited in claim 1. *See pages 6-9 of Amendment dated July 16, 2007.*

In response to the numerous arguments set forth in the previous Amendment, the Examiner simply alleges, “Hinden discloses and suggests a serial number area in an interface ID. As taught on page 21, the identifier can be a serial number, making the ‘m’ bit area a serial number area.” In response, Applicants submit that the Examiner does not respond to all of the arguments set forth in the previous amendment.

Specifically, Applicants maintain that the applied references, including Hinden, do not disclose or suggest at least device ID information recorded in an area, excluding a company ID area and a serial number area of an interface ID area. The Examiner has not demonstrated that this particular feature (emphasis added) is satisfied by the applied references.

Yet further, the Examiner does not respond to the arguments with respect to applied reference Lee on pages 7-9 of the July 16<sup>th</sup> Amendment. Applicants maintain these same arguments.

At least based on the foregoing, Applicants submit that claims 1-5 are patentably distinguishable over the applied references, either alone or in combination.

Yet further, Applicants submit that a conventional EUI-64 ID format represents only an address of a device, but cannot represent a type of the device. Exemplary embodiments of the present invention may identify the type of the device through the address of the device using a conventional address system without changing the conventional address system. Exemplary embodiments of the present invention may reflect the arranging of information on the type of the device in an unused area in the address according to the conventional address system in order to further identify the type of the device using the conventional address system. Exemplary embodiments of the present invention may be especially useful in a home network environment in which the type and address of devices connected to the home network need to be identified.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

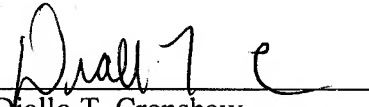
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